



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Adopt Resolution Authorizing City Manager to Execute Purchase Order with Eaton Pumps Sales and Service, of Woodland, for Repairs to City Water Well No. 7 (\$36,640)

MEETING DATE: May 19, 2010

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Adopt a resolution authorizing the City Manager to execute a purchase order with Eaton Pumps Sales and Service, of Woodland, for the repairs to City Water Well No. 7, in the amount of \$36,640.

BACKGROUND INFORMATION: City Water Well No. 7, located at 2101 West Turner Road, failed in October 2009. It was originally determined the pump motor had failed due to storm damage, and the pump motor was repaired. While attempting to start the new motor, staff found the pump shaft was frozen, rendering the well inoperable. Well No. 7 was constructed in 1978 and produces around 1,160 gpm of very high-quality water. Generally, well production ranges from 800 to 2,070 gpm per well.

In February 2010, proposals were requested from Eaton Pumps Sales and Service (Eaton Pumps) and Layne Christensen Company to remove the pump assembly, inspect the condition of the well, and evaluate the damage to the pump assembly. The lowest cost proposal for this work was submitted by Eaton Pumps in the amount of \$4,795.

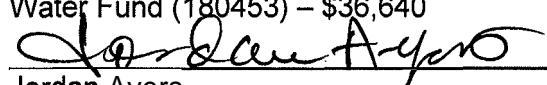
Eaton Pumps completed their evaluation of the pump assembly and well and reported that the line shaft bearings in the pump assembly require replacement, the slots in the casing are obstructed by significant biological growth and there is approximately 37 feet of fine silt in the bottom of the well that requires removal.

Well assembly repairs are required and include replacing the existing line shaft bearings, removing the fine silt and biological growth, steam-cleaning the casing pipe, checking the line shaft for straightness, and reconditioning the well. Reconditioning is a process that uses chlorine and air lift swabbing to clean the casing slots and to remove accumulated silt and biological growth from the casing and gravel pack from the affected areas.

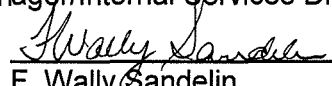
Considering the importance of Well No. 7 to the City's water supply, staff recommends executing a purchase order with Eaton Pumps for the above-described repairs to City Water Well No. 7, in the amount of \$36,640.

FISCAL IMPACT: There will be no change in operations costs.

FUNDING AVAILABLE: Water Fund (180453) – \$36,640


Jordan Ayers

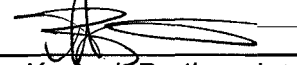
Deputy City Manager/Internal Services Director


F. Wally Sandelin

Public Works Director

Prepared by Charlie Swimley, Deputy Public Works Director – Utilities
cc: Lance Roberts, Water/Wastewater Superintendent

APPROVED:


Konrad Bartlam, Interim City Manager

RESOLUTION NO. 2010-65

A RESOLUTION OF THE LODI CITY COUNCIL
AUTHORIZING PURCHASE ORDER FOR
REPAIRS TO CITY WATER WELL NO. 7

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WHEREAS, the pump shaft of City Water Well No. 7, located at 2102 West Turner Road, is frozen, rendering the well inoperable; and

WHEREAS, in February 2010, proposals were requested to remove the pump assembly, inspect the condition of the well, and evaluate the damage to the pump assembly, and the lowest cost proposal was received from Eaton Pumps Sales and Service; and

WHEREAS, Eaton Pumps' evaluation determined that the line shaft bearings in the pump assembly require replacement, the slots in the casing are obstructed by significant biological growth, and approximately 37 feet of fine silt in the bottom of the well requires removal; and

WHEREAS, considering the importance of Water Well No. 7 to the City's water supply system, staff recommends executing a purchase order with Eaton Pumps Sales and Service, of Woodland, California, for the repairs.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to execute a purchase order in the amount of \$36,640 with Eaton Pumps Sales and Service, of Woodland, California, for repairs to City Water Well No. 7.

Dated: May 19, 2010

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I hereby certify that Resolution No. 2010-65 was passed and adopted by the City Council of the City of Lodi in a regular meeting held May 19, 2010, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Hitchcock, Johnson, Mounce, and Mayor Katzakian

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk